

Flexible process for producing base stock and distillates by conversion-hydroisomerisation using a catalyst with low dispersion followed by catalytic dewaxing

(NL1015035)

Flexibel proces voor de productie van basisoliën en destillatieproducten door een omzetting-hydroisomerisatie op een weinig gedispergeerde katalysator, gevolgd door een katalytische ontparaffinerings.

PROCEDIMIENTO FLEXIBLE DE PRODUCCION DE BASES DE ACEITES Y DESTILADOS PARA UNA CONVERSION-HIDROISOMERIZACION SOBRE UN CATALIZADOR LIGERAMENTE DISPERSO SIGUIENDO DE UN DESPARAFINADO CATALITICO.

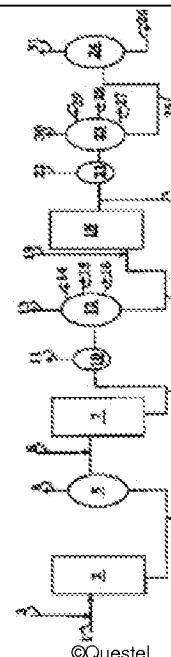
(US6602402)



















An improved process for producing very high quality base stock and for simultaneous production of high quality middle distillates, comprising successive hydroisomerisation and catalytic dewaxing steps wherein hydroisomerisation is carried out in the presence of a catalyst containing at least one noble metal deposited on an amorphous acidic support, the dispersion of the metal being less than 20%. The support is preferably an amorphous silica-alumina. Catalytic dewaxing is carried out in the presence of a catalyst containing at least one hydrodehydrogenating element (group VIII) and at least one molecular sieve (preferably zeolite). The sieve is preferable selected from NU-10, EU-1, EU-13, zeolite and ferrierite.

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FamPat family	Publication Number	Kind	Publication date	Links
	NL1015035	A1	20001031	  
	STG:	Registered specification laid open		
	AP :	2000NL-1015035 20000427		
	JP2000345171	A	20001212	  
	STG:	Doc. laid open to publ. inspec.		
	AP :	2000JP-0132769 20000501		
	NL1015035	C2	20010212	  
	STG:	Patent with search report - 20 year		
	ES2190303	A1	20030716	  
	STG:	Pat. application published with search report		
	AP :	2000ES-0001085 20000427		
	US6602402	B1	20030805	  
	STG:	Granted patent as first publication		
	AP :	2000US-0562286 20000501		
	ES2190303	B1	20050216	  
	STG:	Patent published with search report		

Priority Details: 1999FR-0005496 19990429
2000FR-0002363 20000224

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